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November 12, 2003

From: Heather L. Fedor

Matter No.: 410391

To:	Company:	Fax Number:	Phone Number:
Group Art Unit 2800	United States Patent Office	703-872-9318	(703)306-3329

Number of Pages Transmitted (including this cover sheet): 6

Message: To Whom It May Concern:

We submit the following documents in U.S. Application No. 10/632,735, filed 01 August 2003:

1. Transmittal Form SB-21 (1 page);
2. Preliminary Amendment (3 pages), and
3. Certificate of Transmission (1 page)

Application No. 10/632,735 has been assigned to Group Art Unit 2828.

Thank you for your attention to this transmittal.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>CERTIFICATE OF TRANSMISSION (37 CFR 1.8)</b>			Atty Docket No.
Applicant(s): Loren M. Caldwell et al.			410391
Serial No.	Filing Date	Examiner	Group Art Unit
10/632,735	01 August 2003	Not Assigned	2828
<p>Date of Transmittal: <u>12 November 2003</u></p> <p>I hereby certify that the following documents:</p> <ol style="list-style-type: none"><li>1. Transmittal Form SB-21 (1 page);</li><li>2. Preliminary Amendment (3 pages)</li><li>3. this Certificate of Transmission (1 page), and</li><li>4. Facsimile cover sheet (1 page)</li></ol> <p>are being transmitted via facsimile number (703) 872-9318, to Group Art Unit 2800, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313- 1450, on the date above.</p>			
		Heather Fedor	
		Name of Depositor/Transmitter	
		<i>Heather Fedor</i>	
		Signature of Depositor/Transmitter	

PTO/SB/21 (03-03)

Approved for use through 07/31/2008, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/832,735	
	Filing Date	01 August 2003	
	First Named Inventor	Loren M. Caldwell	
	Art Unit	2828	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	6	Attorney Docket Number	410391

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Certificate of Transmission; fax cover sheet</b>
<div style="border: 1px solid black; padding: 2px; display: inline-block; width: 100px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Curtis A. Vock
Signature	<i>Curtis A. Vock</i>
Date	11/12/03

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Heather Fedor		
Signature	<i>Heather Fedor</i>	Date	12 November 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**PATENT**

Attorney Docket Number: 410391

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NOV 12 2003

In re application of: Loren M. Caldwell et al.

Application No.: 10/632,735

Group No.: 2828

Filed: 1 August 2003

Examiner: Unknown

For: OPTICAL AIR DATA SYSTEMS AND METHODS

OFFICIAL

**CERTIFICATE OF TRANSMITTAL UNDER 37 C.F.R. 1.5**

I hereby certify that this paper (along with any paper referred to as being attached) is being transmitted via facsimile number 703-872-9318 to: Group Art Unit 2800, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12 November 2003

Date

Heather Fedor

Heather Fedor

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450****PRELIMINARY AMENDMENT**

Sir:

Please amend the above-identified patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.**Remarks** begin on page 3 of this paper.